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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/593,717

09/21/2006

Ikuo Nuno

0121/0059

3118

21395

7590

09/01/2010

LOUIS WOO

LAW OFFICE OF LOUIS WOO

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ALEXANDRIA, VA 22314

EXAMINER

FISHER, MICHAEL J

ART UNIT

PAPER NUMBER

3689

MAIL DATE

DELIVERY MODE

09/01/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/593,717	Applicant(s) NUNO ET AL.	
	Examiner MICHAEL J. FISHER	Art Unit 3689	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,9-14,17-22 and 25-30 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6,9-14,17-22 and 25-30 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 25-30 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claims are directed toward a “a recording medium on which is recorded...”, the medium is not strictly delineated to a physical medium and therefore, could be merely a signal and as such, would be non-statutory.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 4,12,20,28 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The terms “SVG and SVGZ are proprietary names and the owners could change what they mean thereby making the scope of the claims unclear and indefinite.

Note: For examination purposes, it will be assumed that SVG and SVGZ are "industry standard formats".

Claim Rejections - 35 USC § 102

Art Unit: 3689

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1,9,17,25 are rejected under 35 U.S.C. 102(b) as being anticipated by US PAT 5,794,257 to Liu et al. (Liu).

As to claims 1,9,17,25, Liu discloses an electronic service manual generator (abstract, first line) with an original data acquisition step (fig 1), a structure definition acquisition step (14), a structured data generation step based on the structure definition step (42, fig 4), the computer employs the original data.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.

Art Unit: 3689

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 2-4,10-12, 18-20 and 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liu.

As to claims 2,10,18,26, Liu discloses the original text is obtained (as it obtains the original document, it would have original text), it includes original drawing structure (col 5, lines 47-50), a parts data table is obtained and used (col 5, lines 56-62).

Liu does not, however, specifically teach a “voltage value table”, it would have been obvious to one of ordinary skill in the art to include a voltage value table as these are old and well known to be necessary for electronic equipment and therefore, it would be included in the manual as Liu discloses a complete manual.

As to claims 3,11,19,27, Liu discloses the structure definition information (the manual), it includes original drawing structure (col 5, lines 47-50), a parts data table is obtained and used (col 5, lines 56-62).

Liu does not, however, specifically teach an “IC function table”, it would have been obvious to one of ordinary skill in the art to include an IC function table as these are old and well known to be necessary for electronic equipment and therefore, it would be included in the manual as Liu discloses a complete manual.

As to claims 4,12,20, 28, as best understood, Liu does not specifically teach using XML, however, XML is old and well known in the art as being useful for hyperlinks and Liu discloses the manual as having hyperlinks (title), therefore, it would be obvious to use XML to create the hyperlinks. It further would be obvious to use industry standard formats so that they manuals could be read easily.

Claims 5,6,13,14,21,22,29 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liu as applied to claims 1-4,9-12, 17-20 and 25-28 above, and further in view of US PAT 6,295,542 to Corbin.

As to claims 5,6,13,14,21,22,29 and 30, Liu discloses a manual generation method and system as discussed above, including a parts generation step including drawings.

Liu does not, however, teach having a comparison section for comparing related features.

Corbin discloses a method of for cross-referencing related text (title) in a hyperlinked document (abstract, ines 1-3).

It would have been obvious to one of ordinary skill in the art to modify the system as disclosed by Liu with the comparison section cross-referencing related parts as taught by Corbin as both are related to hyperlinked documents and Corbin teaches this as a good way to allow a user to see related links.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL J. FISHER whose telephone number is (571)272-6804. The examiner can normally be reached on Mon.-Fri. 7:30am-5:00pm alt Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Janice Mooneyham can be reached on 571-272-6805. The fax phone

Art Unit: 3689

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael J Fisher/
Examiner, Art Unit 3689
MF
8/30/10